BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

							Estimate Cost Rs.		1000000.00

Name of Work: Detailed Estimate for the work of Construction of CC roads and drains at Allalasandra in ward no-04 yelahanka division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	cum							
	RCC drain		1	86.00	1.20	0.90	92.88		
	for cc road		1	50.00	3.20	0.30	48.00		
							140.88	190.80	26880.00
	Basic Rate	180.00							
	Area Weightage 6%	10.80							
	Grand Total	190.80							
2	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 1				140.88	87.56	12335.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.2 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	Cum							
	for rcc drain		1	86.00	1.20	0.15	15.48		
	for cc road		1	50.00	3.20	0.15	24.00		
							39.48	5505.64	217363.00
	Basic Rate	5194.00							
	Area Weightage 6%	311.64							
	Grand Total	5505.64							
4	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 265 Ite mo 37.59.2 SR 2018-19	**Cum**							
	drain		1	86.00	0.90	0.15	11.61		
			2	86.00	0.15	0.75	19.35		
							30.96	7070.20	218893.00
	Basic Rate	6670.00							
	Area Weightage 6%	400.20							
	Grand Total	7070.20							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500 (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne							
	for RCC drain 65 kg/cum		0.065	30.96			2.01		
				30.96			2.01	73992.24	148902.00
	Basic Rate	69804.00							
	Area Weightage 6%	4188.24							
	Grand Total	73992.24							
6	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.	sqm							
			1	87.00	0.90		78.30		
							78.30	2337.00	182987.00
	Data Rate	2337.00							
7	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @	Cum							
	for cc road		1	50.00	3.20	0.10	16.00		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							16.00	5210.96	83375.00
	Basic Rate	4916.00							
	Area Weightage 6%	294.96							
	Grand Total	5210.96							
							Sub total		890735
							GST 12%		106888
									2376.80
7	Miscellaneous charges							Total	1000000.00

(Rupees Ten Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Satellite town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 lac Ten Lakhs only is accorded under head P.1771 - 2018-19.

Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/61/18-19 Dt. 25.02.19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lacks Rupees Ten Lakhs only

Under P.1771 - 2018-19

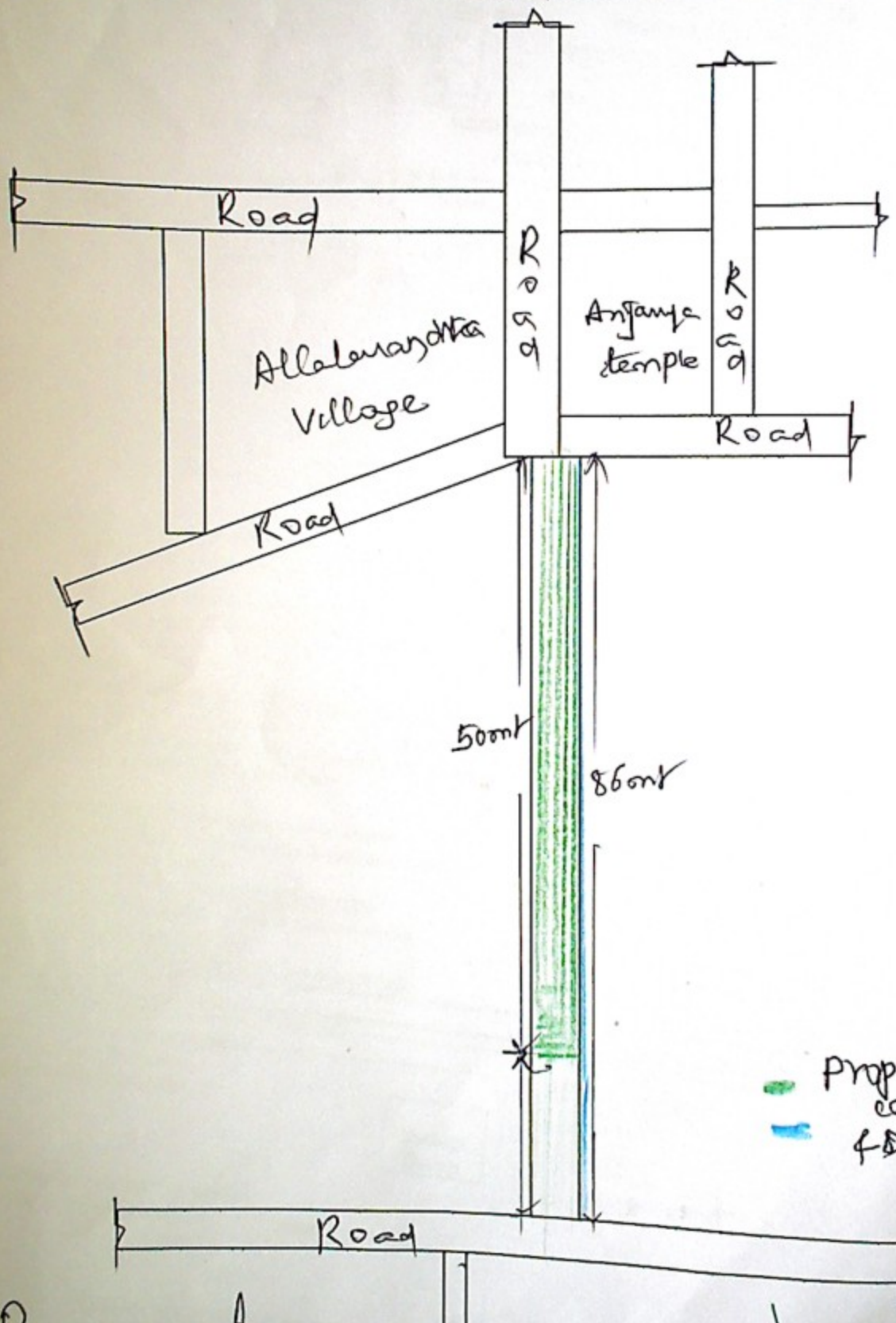
Registered as CE ( ) No. 99

Subject to conditions contained in enclosed memo EE ( ) No. /9/

Dt. ..... Estimate A/ Sanctioned No. EE/TS/85/18-19 Dated 26.02.19 Rs. 10.00 Lacks

Executive Engineer

Name of Work:- Construction of CC Roads and drains @ Allalasandra in WNo 4 Yelahanka Division



Ramanjaneyalu

Signature
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